



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

RB T103147-101
Job Sheet 172216-A



Part No: RB T103147-101

Job Qty: 1 ea

Part Name: Holding Fixture



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 4/17/18

Job Tracking No:

Due Date: 3/2/18

Created By: Jason Leroux

Type: SOLD

Description:

Note: RB T103147-101 REV.A IPP REV:18.02.08 NEW ISSUE DD VERF:DP

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Lead Time	Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier			
170	QC	1 pcs	3/2/18	3/2/18	0.00	0.00	QC6			
171	Outsource	1 pcs	3/2/18	3/2/18			GRO002-VC ATG	15		
175	Rework	1 pcs	3/2/18	3/2/18	0.00	0.00	Packaging 2 - 10 - B4B			
180	Rework	1 pcs	3/2/18	3/2/18	0.00	0.00	QC 6 - 28 68			
210	Small Fab	1 pcs	3/2/18	3/2/18	0.00	0.10	Small Fab-3			
230	QC	1 pcs	3/2/18	3/2/18	0.00	0.00	QC5			
240	Packaging	1 pcs	3/2/18	3/2/18	0.00	0.00	Packaging3-1			
250	QC21-FG	1 Ea	3/2/18	3/2/18	0.00	0.00	QC21			

Part Op 171 - Issue P/O to GROUPE ALTECH : POUPEL -ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2
Descriptions: CLASS 1, - Certificate of Conformity is required
210 - 1-Assemble as per DWG.

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
91090A105	Washer	4 Ea (4 ea)	210-Small Fab	3046063
95462A505	Hex Nut	4 Ea (4 ea)	210-Small Fab	3046067
95475A105	Threaded Stud	4 Ea (4 ea)	210-Small Fab	5122127

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
210-Small Fab	91090A105	4	38	0
	95462A505	4	90	0
	95475A105	4	29	0

Part Specifications

Specifications could not be found.



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S061630



Part: RB T103147-101

Job No: 172216-A

Serial No/Batch: S049772

Revision: A

Inspector:

Exp Date:

Instructions:

Date: 02/14/19

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RB T103147-101
Job Sheet 172216-A



Split

Part No: RB T103147-101

Job Qty: 1 ea

Part Name: Holding Fixture



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 4/17/18

Job Tracking No:

Due Date: 3/2/18

Created By: Jason Leroux

Type: SOLD

Description:

Note: RB T103147-101 REV.A IPP REV:18.02.08 NEW ISSUE DD VERF:DP

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
170	QC	1 pcs		3/1/18	0.00	0.00	QC6		
210	Small Fab	1 pcs		3/2/18	0.00	0.10	Small Fab-3		
230	QC	1 pcs		3/2/18	0.00	0.00	QC5		
240	Packaging	1 pcs		3/2/18	0.00	0.00	Packaging3-1		
250	QC21-FG	1 Ea		3/2/18	0.00	0.00	QC21		

Part Op 210 - 1-Assemble as per DWG.
Descriptions:

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
91090A105	Washer	4 Ea (4 ea)	210-Small Fab	
95462A505	Hex Nut	4 Ea (4 ea)	210-Small Fab	
95475A105	Threaded Stud	4 Ea (4 ea)	210-Small Fab	

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
210-Small Fab	91090A105	4	38	0
	95462A505	4	88	0
	95475A105	4	38	0

Part Specifications

Specifications could not be found.

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*close
and rework
- re-plate*

Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date :	Sequence #:	QTY Affected :		MRB (QSI042)	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor	
				QC / QA Coordinator	
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Preservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐		FAULT CATEGORY ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details:					

				Packaging 2 - 5 - B4B	
				Packaging 2 - 4 - B4B	
				Packaging 2 - 6 - B4B	
				Packaging 2 - 7 - B4B	
				Packaging 2 - 8 - B4B	
				Packaging 2 - 9 - B4B	
				Packaging 2 - 10 - B4B	
				Packaging 2 - 11 - B4B	
				Packaging 2 - 12 - B4B	
				Packaging 2 - 13 - B4B	
				Packaging 2 - 14 - B4B	
				Packaging 2 - 15 - B4B	
				Packaging 2 - 16 - B4B	
				Packaging 2 - 17 - B4B	
				Packaging 2 - 18 - B4B	
				Packaging 2 - 19 - B4B	
				Packaging 2 - 20 - B4B	
				Packaging 2 - 21 - B4B	
				Packaging 2 - 22 - B4B	
				Packaging 2 - 23 - B4B	
				Packaging 2 - 24 - B4B	
				Packaging 2 - 25 - B4B	
				Packaging 2 - 26 - B4B	
				Packaging 2 - 27 - B4B	
				Packaging 2 - 28 - B4B	
				Packaging 2 - 29 - B4B	
				Packaging 2 - 30 - B4B	
				Packaging 2 - 31 - B4B	
				Packaging 2 - 32 - B4B	
				Packaging 2 - 33 - B4B	
				Packaging 2 - 34 - B4B	
				Packaging 2 - 35 - B4B	
140	QC 6	2	12/28/18	0.00 0.00	QC 6 - 16
		pcs			QC 6 - 38
					QC 6 - 42
					QC 6 - 9
					QC 6 - 68
					QC 6 - 61
					Plex 12/12/18 2:18 PM dart.lacelle.linda

150 Small Fab	2 pcs	12/28/18	0.00 0.13	Small Fab - 1 - B4B	
160 QC 5	2 pcs	12/28/18	0.00 0.00	QC 5 - 10	
				QC 5 - 12	
				QC 5 - 16	
				QC 5 - 17	
				QC 5 - 18	
				QC 5 - 19	
				QC 5 - 22	
				QC 5 - 24	
				QC 5 - 3	
				QC 5 - 38	
				QC 5 - 42	
				QC 5 - 43	
				QC 5 - 49	
				QC 5 - 51	
				QC 5 - 58	
				QC 5 - 68	
				QC 5 - 9	
				QC 5 - 50	
				QC 5 - 30	
190 Packaging 3-1 - Stock - B4B	2 pcs	12/28/18	0.00 0.00	Packaging 3 - 1 - B4B	
				Packaging 3 - 2 - B4B	
				Packaging 3 - 3 - B4B	
				Packaging 3 - 4 - B4B	
				Packaging 3 - 5 - B4B	
				Packaging 3 - 6 - B4B	
				Packaging 3 - 7 - B4B	
				Packaging 3 - 8 - B4B	
				Packaging 3 - 9 - B4B	
				Packaging 3 - 10 - B4B	
200 QC 21 - FG	2 pcs	12/28/18	0.00 0.00	QC 21 - FG - 16	
				QC 21 - FG - 21	

Part Op **100** - disassemble and scrap hardware.
 Descriptions: **105** - Remove surface finish and corrosion.
120 - -Issue P/O; _____ -Zinc plate, ASTM B633 TYPE 2 SC2 -Color; yellow -Material type; 4140 -Certificate of Conformity is required
130 - Certificate of Conformity is required
150 - Reassemble using new hardware.
190 - Bag and tag

Job BOM

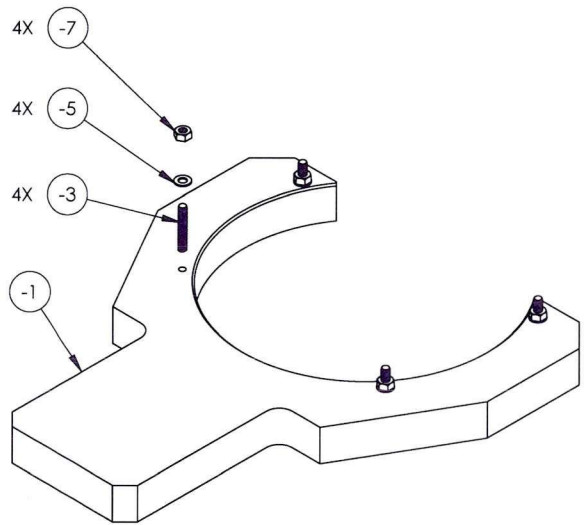
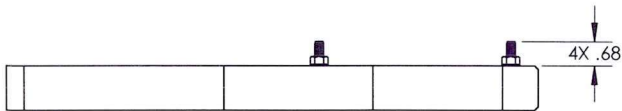
Part / Item	Component Name	Quantity	Operation	Container
RB T103123P	T/R D/S BRG RMVL SPLIT PLATE SET	2 pcs (1 ea)	100-Small Fab - 1	
AN6-34A	Bolt	4 (2 ea)	150-Small Fab	
MS21042L6	Nut	4 Ea (2 ea)	150-Small Fab	
NAS1149F0663P	Washer	8 Ea (4 ea)	150-Small Fab	

Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
100-Small Fab - 1	RB T103123P	2	2	2
Allocated Container Detail				
	Qty	Container No	Location	Init
	2	S028855	fg106	_____
150-Small Fab	AN6-34A	4	0	0
	MS21042L6	4	260	0
	NAS1149F0663P	8	408	0
Part Specifications				
Specifications could not be found.				

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
A	CORRECTED T/N, WAS RBT103147-101 IS RBT103147-101. CORRECTED -3 P/N WAS 95475A105	7/29/2013	RJC	RW

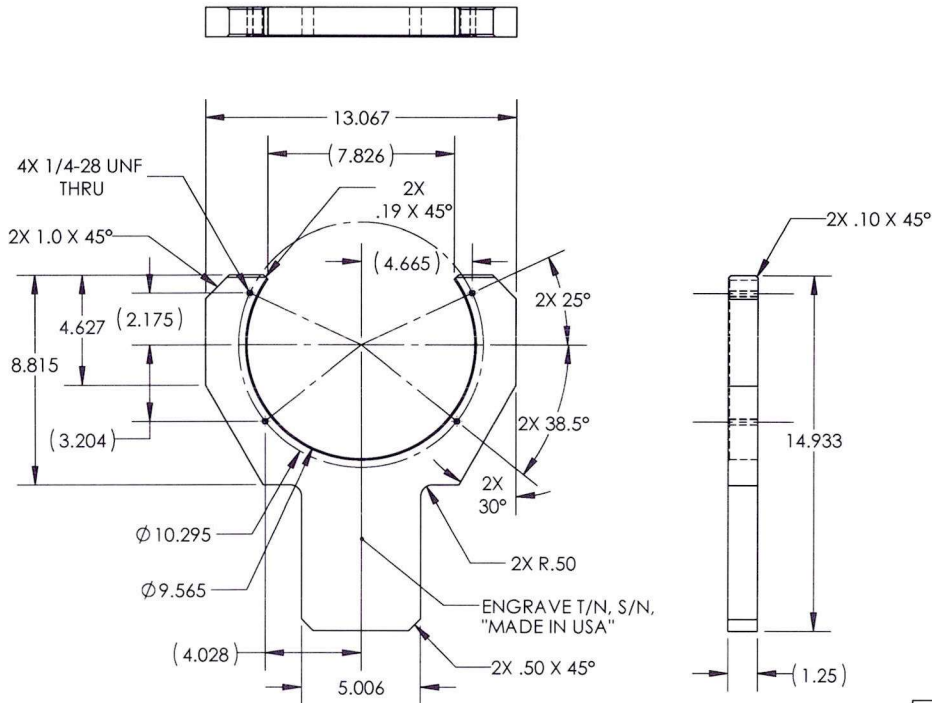


RED BARN MACHINE	
TITLE	
HOLDING FIXTURE	
DWG NO.	
RB T103147-101	
REV	
A	
MAT'L	DRAWN BY: CLOUGH
UNLESS OTHERWISE SPECIFIED	APPROVED <i>D. Wood</i>
DIMENSIONS ARE IN INCHES	HEAT TREAT
.XXX ± .005	FINISH
.XX ± .01	SPEC
.X ± .1	USED ON MODEL
1. BREAK ALL SHARP EDGES .016 x 45°	BELL
OR .016R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE 1:4	DATE 10/21/2011
SHEET 1 OF 2	

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			-1	1	HOLDING FIXTURE	6061	1-1/4 x 13-1/4 x 15-1/16	2
		B/O	-3	4	THREADED STUD	STEEL	1/4-28 x 1-1/2 MCMaster-CARR #95475A105	1
		B/O	-5	4	WASHER	STEEL	1/4 I.D. MCMaster-CARR #91090A105	1
		B/O	-7	4	HEX NUT	STEEL	1/4-28 MCMaster-CARR #95562A505	1

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REVISIONS			
REV	DESCRIPTION	DATE	INITIAL APPROVED



(-1)
HOLDING FIXTURE

RED BARN MACHINE	
TITLE HOLDING FIXTURE	
DWG NO. RB T103147-101-1	REV A
MAT'L 6061	DRAWN BY: CLOUGH
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .004	FRACTIONS ± 1/32
.XX ± .01	ANGLES ± .6°
.X ± .1	
1. BREAK ALL SHARP EDGES .016 x 45° OR .016R	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
SCALE 1:6	DATE 10/31/2011
SHEET 2 OF 2	



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO042521



Supplier: ATG001-VC
A.T.G. Industries Inc
731 INDUSTRIELLE ROAD
ROCKLAND
ON
K4K 1T2 Canada
Phone: 613-446-4544
Fax: 613-446-4556

Attention: Lalande, Marc-Andre

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: PO042521

PO Date: 2/6/19

Due Date: 2/15/19

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Tsimiklis, ChrisoulaPhone:

Via: Ground

Pymt Terms: Net 30

Freight Terms:

Special Comments:

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	187099	646.3812	Gusset Bracket Issue P/O to ATG: AS PER MPP- 172 SECTION 2.1, HARD ANODIZE COLOR BLACK, PER IAW MIL-A- 8625 TYPE 3 CLASS 2 AS PER MPP- 172 SECTION 4.3, PRIME CARDINAL 7760-4702 LOW VOC EPOXY PRIMER (LIGHT GRAY) Certification of Conformity is required	Firmed	-	2/15/19	20 pcs 22	0 pcs	20 pcs	\$5.47/pcs	\$109.40
22 x FEB 14 2019											
2	186414	D4726-1	Handle : Various STC's Outsource4 (Outsource process-Anodize per QSI017 4.1.10.1)	Firmed	-	2/15/19	20 pcs	0 pcs	20 pcs	\$4.87/pcs	\$97.40
20 x FEB 14 2019											

Line Item Note ** Asap **

Line Item Note ** ASAP **



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PURCHASE ORDER PO042521



Items											
Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
3	189327	D4703-043	Lock Pin Base : Various STC's Issue P/O to ATG: HARD ANODIZE COLOR BLACK, As Per Dwg D4703	Firmed	-	2/15/19	10 pcs	0 pcs	10 pcs	\$4.87/pcs	\$48.70
							10x	FEB 14 2019			
4	189334	D4821-1	Windshield Deflector : Various STC's Issue P/O: Hard Anodize, Color Black and Prime as per Dwg D4821 Rev. B	Firmed	-	2/15/19	2 pcs	0 pcs	2 pcs	\$40.42/pcs	\$80.84
5	188305	646.3713	Gusset Issue P/O to ATG : Hard Anodize, Color Black and Prime as per Dwg 646.3700	Firmed	-	2/15/19	16 pcs	0 pcs	16 pcs	\$11.92/pcs	\$190.72
							16x	FEB 14 2019			
6	172216-A	RB T103147- 101	Holding Fixture -Issue P/O : -ANODIZE COLOR CLEAR, PER IAW MIL-A- 8625F TYPE 2 CLASS 1, - Certificate of Conformity is required	Firmed	-	2/15/19	1 pcs	0 pcs	1 pcs	\$52.17/pcs	\$52.17
							1x	FEB 14 2019			
Grand Total:											\$579.23

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Dart Aerospace Ltd.
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K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

PO042521



Order Notes

Procurement Quality Clauses

A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 2/12/19 10:47 AM dart.tsimiklis.chrisoula



A.T.G. Industries Inc.
731 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 917230

Date: 12-Feb-19

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Chrisoula Tsimiklis
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
		ATG Delivery	
Quantity	Description		
	Please reference this document's Pack List number on all correspondences regarding this shipment. If you have any questions, please contact us.		
✓ 22 ea	Part: 646.3812 ✓ Gusset Bracket Hard Black Anodize per MIL-A-8625F, Type III, Class 2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6 - .9 mils) per drawing. Job: 24610		Rev: N/C PO: PO042521 ✓ Line: 1
✓ 20 ea	Part: D4726-1 ✓ Handle Hard Black Anodize per MIL-A-8625F, Type III, Class 2, .0005-.0045" (.5 - 4.5mils) Job: 24611		Rev: B PO: PO042521 ✓ Line: 2
✓ 10 ea	Part: D4703-043 ✓ Lock Pin Base Hard Black Anodize per MIL-A-8625F, Type III, Class 2, .0005-.0045" (.5 - 4.5mils) Job: 24612		Rev: B PO: PO042521 ✓ Line: 3
✓ 16 ea	Part: 646.3713 ✓ Gusset Hard Black Anodize per MIL-A-8625F, Type III, Class 2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6 - .9 mils) per drawing. Job: 24614		Rev: A PO: PO042521 ✓ Line: 5
✓ 1 ea	Part: RB T103147-101 ✓ Holding Fixture Anodize per MIL-A-8625F, Type II, Class 1, Clear, .0004-.0010" (.4 - 1 mils) Job: 24615		Rev: PO: PO042521 ✓ Line: 6
	CERTIFICATE OF CONFORMANCE A.T.G Industries Inc. certifies that all items in this shipment conform to the requirements.		
	Made in Canada.		

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A.T.G. Industries Inc.
731 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 917230

Date: 12-Feb-19

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Chrisoula Tsimiklis
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via
		ATG Delivery
Quantity	Description	
	Date: <u>12/2/19</u>	
	Certified Signature: <u>[Signature]</u>	
	Receiver Signature: _____	
	A.T.G Industries Inc. is AS9100 Registered and Nadcap Chemical Processing Accredited.	
	Note: This Packing Slip may contain parts that have been PLATED. Items that are plated may be subject to natural tarnishing and it is suggested that they be inspected within 24 hours of receipt.	
	Made in Canada.	